# A. O. Smith *Residential Gas Water Heaters*

# ProMax® SL
## POWER DIRECT-VENT

## PROMAX® SL POWER DIRECT-VENT FEATURES

### POWER DIRECT-VENT DESIGN
**ProMax SL Power Direct Vent residential gas models are equipped with FVIR technology to meet Phase III of the ANSI Z21.10.1 standards for the resistance to flammable vapor ignition and resistance to lint, dust and oil accumulation tests.**

**The Closed-combustion two-pipe system draws combustion air from outside and vents outside the home. The system uses PVC, CPVC or ABS pipe and vents up to 45 feet with 3" pipe, including one elbow.**

### SIDE-MOUNTED RECIRCULATING TAPS
**For installation with combination space heating/potable water heating applications (such as the ProMax XL Heat Exchanger) or any system requiring a recirculating hot water loop.**

### INTELLI-VENT® GAS CONTROL
**Equipped with silicon nitride hot surface igniter and advanced electronics for precise control of water temperature and simplified system diagnostics.**

### HEAT TRAP NIPPLES
Standard on all models.

### QUIET MODULAR BLOWER
With 110/120 Volt electrical system (rating 3 amps or less), with 6-foot cord, standard 3-prong male connector.

### A. O. SMITH DYNACLEAN™ DIFFUSER DIP TUBE
Reduces lime and sediment buildup, maximizes hot water output. Made from long-lasting PEX cross-link polymer.

Green Choice™
The Eco-Friendly Gas-Fired Burner

### GREEN CHOICE™ GAS BURNER
Patented "Eco-Friendly" design reduces NOx emissions by up to 33%, complies with Southern California and Texas requirements.

### MAGNESIUM ANODE RODS
Provides long-lasting protection against tank corrosion.

### DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE
### A. O. SMITH PERMAGLAS® GLASS COATING
Protects steel tank from rust.

### FACTORY-INSTALLED TEMPERATURE & PRESSURE (T&P) RELIEF VALVE
### CODE COMPLIANCE: U.B.C., S.B.C.C., C.A.B.O., H.U.D., B.O.C.A. NATIONAL CODES, ASHRAE/IES 90.1-1999 AND 2004 NAECA

DESIGN CERTIFIED

### DESIGN-CERTIFIED BY CSA INTERNATIONAL
According to ANS Z21.10.1 standards governing storage-type water heater.

### 6-YEAR LIMITED TANK AND PARTS WARRANTY
For complete information, consult written warranty or A. O. Smith Water Products Company.

* Intelli-Vent® is a registered trademark of the Emerson Electric Company

**A.O.Smith**
**Water Heaters**

**www.hotwater.com**

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**ARGSS00407**

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## POWER DIRECT-VENT

| MODEL NUMBER | FIRST HOUR RATING GALLONS | ENERGY FACTOR | GALLON CAPACITY | BTU INPUT PER HOUR NATURAL | BTU OUTPUT PER HOUR NATURAL | RECOVERY 90ºF RISE GALLONS PER HOUR | R VALUE | DIMENSIONS IN INCHES | | | | | | | | APPROX. SHIPPING WEIGHT (LBS.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | A | B | C | D | E | F | G | H | |
| GPD-40L | 70 | .60 | 40 | 40,000 † | 30,000 † | 41 | 16 | 57 | 48-1/2 | 21 | 15 | 8 | 42 | 17 | 42 | 224 |
| GPDX-50L | 105 | .58 | 50 | 65,000 † | 47,500 † | 64 | 16 | 69-1/2 | 61 | 21 | 15 | 8 | 54-1/2 | 17 | 54-1/2 | 232 |
| GPD-75L | 130 | .58 | 75 | 70,000 † | 53,200 † | 72 | 16 | 71-1/2 | 61-1/2 | 26-1/4 | 15-1/2 | 8 | 54-1/2 | 17 | 54-1/2 | 352 |

GPDX-50L is supplied with 5' of 3" ABS vent pipe and must be used for the first 5' of the exhaust outlet vent system.

GPD-75L is supplied with 5' of 3" CPVC vent pipe and must be used for the first 5' of the exhaust outlet vent system.

Recovery capacity based on actual performance tests.

Water Connections – 3/4" Male on all models.

† Propane Gas – 40-Gallon: 36,000 BTU input, 27,360 BTU output.
50-Gallon: 60,000 BTU input, 43,800 BTU output.
75-Gallon: 65,000 BTU input, 49,400 BTU output.

### IMPORTANT: VENTING AND COMBUSTION AIR REQUIREMENTS

Read and follow requirements shown in the Installation Manual for ProMax® Power Direct-Vent Gas water heaters dealing with type, placement and length of vent pipe and vent termination, as well as clearances required to provide adequate combustion and proper ventilation.

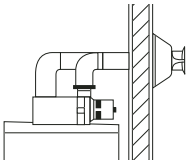
### OPTIONAL CIRCULATING LOOP CONNECTION ASSEMBLIES

Sold separately. Kit Number 900152-2 includes two extended PEX lined nipples for side port connections. Kit Number 900260-4 is same as 900152-2, plus two di-electric unions and 2 brass isolation valves. For use with systems that have a check valve in the air handler or recirculating lines.

### IMPORTANT:
### SEE INSTALLATION MANUAL FOR COMBUSTION AIR AND VENTING SYSTEM REQUIREMENTS FOR POWER DIRECT-VENT WATER HEATERS

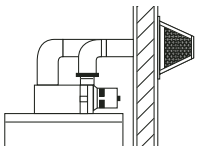
### OPTIONAL (DELUXE) ROUND HORIZONTAL VENT TERMINATION KIT

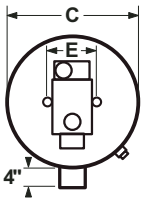
Part Number 9002749

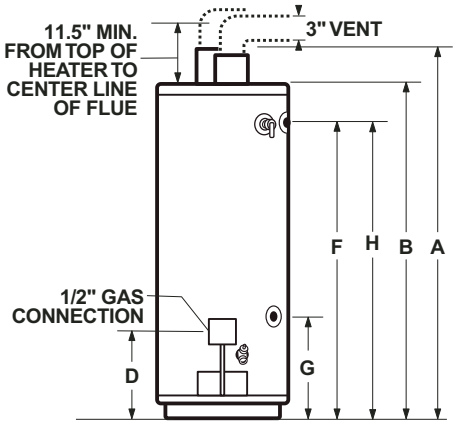


### OPTIONAL (DELUXE) SQUARE HORIZONTAL VENT TERMINATION KIT

Part Number 9003328






Maximum hydrostatic working pressure: 150 psi

A.O.Smith Water Heaters

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www.hotwater.com

**For Technical Information and Automated Fax Service, call 800-527-1953.**
A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.

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